

# System Dynamics Applications (IJSDA)

ISSN: 2160-9772; EISSN: 2160-9799

Established 2012; Published Quarterly

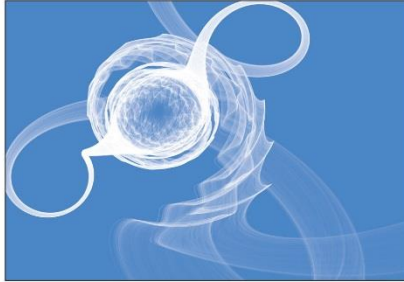
**Editor(s)-in-Chief:** Ahmad Taher Azar (Benha University, Egypt)

The **International Journal of System Dynamics Applications (IJSDA)** publishes original scientific and quality research on the theory of and advances in dynamical systems with analyses of measure-theoretical and topological aspects. This interdisciplinary journal provides audiences with an extensive exploration of the perspectives and methods of system dynamics and system thinking, which are applied to systems in the fields of engineering, soft computing, economics, management, and medicine, among others. The journal also covers strongly related research areas including control, automation, soft-computing and systems. IJSDA publishes original articles, reviews, technical reports, patent alerts, and case studies on the latest innovative findings of new methodologies and techniques. The journal welcomes active participation and contribution by researchers, not only by submitting original works but also by making constructive suggestions for improving of the journal. IJSDA appeals to academics, researchers, and professionals in the fields of engineering, modeling, and computer simulation, decision analysis, soft computing, control systems, biomedical modeling, dynamical systems, applied mathematics, statistics, natural sciences, policy analysis, management science, economics, and behavioral sciences.

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## System Dynamics Applications



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## EDITOR-IN-CHIEF BIO

Ahmad Azar (<http://www.bu.edu.eg/staff/ahmadazar14>) has received the MSc degree (2006) in System Dynamics and PhD degree (2009) in Adaptive Neuro-Fuzzy Systems from Faculty of Engineering, Cairo University (Egypt). He is currently an Assistant Professor, Faculty of Computers and information, Benha University, Egypt. Dr. Azar is the Editor-in-Chief of two journals published by IGI Global, USA, titled *International Journal of System Dynamics Applications* (IJSDA) and *International Journal of Rough Sets and Data Analysis* (IJRSDA). He is an Associate Editor of *IEEE Transactions on Neural Networks and Learning Systems*. Dr Azar is a research member of the Scientific Research Group in Egypt (SRGE). He has worked in the areas of System Dynamics, Intelligent Control, soft computing and Modelling in Biomedicine and has authored/coauthored over 70 research publications in peer-reviewed reputed journals, book chapters and conference proceedings. He is an editor of four books in the field of Fuzzy logic systems and biomedical engineering. Dr. Azar is closely associated with several international journals as a reviewer. He serves as international programme committee member in many international and peer-reviewed conferences. He is currently serves as the editor of many international journals. His biography was selected to appear in the 27th and 29th editions of *Who's Who in the World, Marquis Who's Who, USA*, 2010 and 2012, respectively. Recently, his biography was selected to appear in the 67th edition of *Who's Who in America, Marquis Who's Who, USA*, 2013. Dr. Ahmad Azar is currently the Vice chair of IEEE Computational Intelligence Society (CIS) Egypt Chapter and Vice President Of Egypt System Dynamics Chapter. He is an Academic Member of IEEE Systems, Man, and Cybernetics Society Technical Committee on Computational Collective Intelligence and also a member in KES Focus Group on Agent and Multi-agent Systems. His research interests include: Biomedical modeling, Control System Analysis, Systems Engineering, System Dynamics, Medical Robotics, Process Control, Data mining, Machine learning, Neural network, Fuzzy logic controllers, Neuro-Fuzzy systems, System thinking, Mathematical Modeling and Computer Simulation, Statistical Analysis, Decision Making Analysis, Biofeedback systems, and Monitoring and Controlling of Hemodialysis System.